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ORANGE COUNTY AMATEUR RADIO CLUB

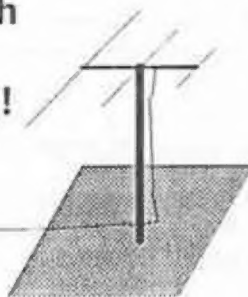
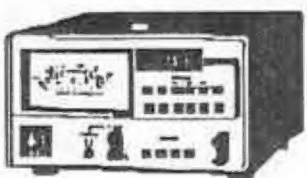
VOL. XXXII NO. 12

P.O. BOX 3454, TUSTIN, CA 92681

DECEMBER, 1991

**Be sure to
have a SAFE
holiday -- we
want you all
back in 1992!**

**Friday, January 17th
7:30 PM
is the next meeting!**



The Prez Sez..... by Ken Konechy, W6HHC

I had a chance to really relax and enjoy myself at the OCARC Christmas party. We had a great turnout (in spite of the current flu season) and the food was great, and the facilities at the Marine base were much better than the restaurant we used in 1990. It was good to unwind at a purely social event and just talk to friends in the club. Special thanks to all the hard work by Dave Hollander - W6COJ, Carmine Fiorello - KC6WTY, Jane Breller - KC6TAM, and Bill Freyfogle - N6VMS that made this year's OCARC Christmas party a reality.

The highlight of the OCARC Christmas party was the awarding of the annual "FOR THE GOOD OF THE CLUB" award. This reward is reserved for a member of the club who has contributed an outstanding amount of time and energy to the success of the OCARC. This year, the OCARC Board of Directors selected our fantastic editor, NANCY BUCHER - N6XQR, to receive

the award. Not only does Nancy do a "world-class" job as editor of our newsletter, but she is an organizer of club events and causes; she motivates other members to participate in OCARC activities; she provides hard work at Field Day and contests, acts as an outstanding informal-membership chairman for the OCARC, and is an ambassador for HAM RADIO to people who have expressed an interest in our hobby. CONGRATS NANCY, ... WELL DONE... we all appreciate your efforts!

1991 was a very good year for the OCARC. Membership has grown. Participation by members in club activities has grown. Field Day was extremely successful. The OCARC nets are full of member check-ins who enjoy chatting with their friends. I want to take this opportunity to thank all of the people who helped to make this a very good year.

Continued on Page 2

**MONDAY NIGHTS - 8:00 PM - 28.333
CODE PRACTICE AND TECH TALK
PRACTICE FOR YOUR UPGRADE!**

**WA6TWF SUPER SYSTEM
LUNCHEON FEBRUARY 15TH AT
COUNTRYSIDE INN - ALL ARE
WELCOME - CALL DAVID, WA6TWF,
(714) 535-5528 FOR MORE DETAILS.**

**NO WEDNESDAY NIGHT NETS
ON CHRISTMAS, INFORMAL
NETS ON NEW YEAR'S DAY.**

**CW NET ON THURSDAYS, 8:00 PM
21.175 - FRIENDLY, WE SLOW DOWN
- CALL WB6IXN, BOB OR N6XQR,
NANCY BEFORE NET IF YOU WANT
SOME HELP GETTING STARTED
AND CHECKING IN-- GREAT PLACE
TO GET STARTED!! WE JUST CHAT
- VERY INFORMAL....**

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**WE ARE LOSING OUR MEETING SITE AFTER THE JANUARY MEETING.
BE SURE YOU RECEIVE YOUR FEBRUARY RF OR CHECK IN ON THE
WEDNESDAY NIGHT NET FOR LOCATION OF FEBRUARY MEETING!**

1992 CLUB BOARD of DIRECTORS

President	Frank Smith	WA6VKZ	838-3180
Vice President	Bob Eckweiler	AF6C	639-5074
Secretary	Jane Breller	KC6TAM..	213/866-2077
Treasurer	Carmine Fiorello ..	KC6WTY	837-5133
Activities	Bob Schnabel	KC6WWP	776-8486
Membership	Bob Buss	KD6BWH	534-2995
Public Relations	Cindy Hughes	KC6OPI	971-3448
T.V.I. Chairman	Clark Turner	WA3JPG	856-2131
Member at Large ..	Ken Konechy	W6HHC	541-6249
Member at Large ..	Mike Abreu	K6KAA	832-8503

Congratulations to the new Board for next year. And thanks to the 1991 Board. From the point of view of the *RF* Editor, I really appreciated Bruce, KC6DLA, always getting me all of the meeting minutes in a timely fashion on packet. Also Prez Ken, W6HHC with his monthly column and Field Day stats - packet, fax, modem, in spite of his heavy workload and trips. And I'm really glad he got Bob, WB6IXN up on a word processor for the Net Notes, my spell checker was going crazy. Bob, AF6C, kept me up to date with our roster changes and additions in fine fashion. And article writ-

ers - for lots of material each month, WOW! Makes my job much easier.

I look forward to working with the 1992 Board and encourage EACH Club Member to pick one of the Board to help. Call one up and offer your assistance, even on an occasional basis. They have each agreed to serve the Club, help them out, make it easy.

THANKS for the "Good of the Club" award that took me so much by surprise at the Banquet and thanks to all the folks who, with such good humor, let me rope them into things!

1991 CLUB BOARD of DIRECTORS

President	Ken Konechy	W6HHC	541-6249
Vice President	Mike Abreu	K6KAA	832-8503
Secretary	Bruce Creager	KC6DLA	538-8259
Treasurer	Bill Freyfogle	N6VMS	964-9336
Activities	Tom Thomas	WA6PFA	771-2917
Membership	Bob Eckweiler	AF6C	639-5074
Public Relations	John Meacham	KJ6TK	842-4702
T.V.I. Chairman	Larry Beilin	K6VDP	557-7217
Member at Large	Frank Smith	WA6VKZ	454-2635
Member at Large	Chris Breller	KJ6ZH..	(213) 866-2077

CLUB APPOINTMENTS

Club Historian	Bob Evans	WB6IXN	543-9111
W6ZE Trustee	Bob Eckweiler	AF6C	639-5074
<i>RF</i> Editor	Nancy Bucher	N6XQR	537-8728
<i>RF</i> Printer	Jerry Dahlin	AA6BU	527-2779
Refreshments	Cindy Hughes	KC6OPI	971-3448

DUES

Regular Member \$12.00 Additional Family Members 6.00 each
Teenage Members (under 20) .. 6.00 Optional Club Badge 5.00

Dues for new members are prorated quarterly from January of each year. Family members must reside at the address of a Regular Member. One *RF* is sent per household.

W6HHC

Prez Sez.....

Continued from Page 1

First, I want to thank each member of the Board of Directors you were very hard working and very supportive and really made my job easier. Special recognition to the two "Board-Members-at-Large", Frank Smith - WA6VKZ (Mr. Field Day Chairman) and Chris Breller - KJ6ZH.....they are two "work horses" who did every task that I asked of them.

Second, I want to thank Cindy Hughes - KC6OPI for her outstanding contributions as Refreshments Organizer at meetings..... Club License Trustee, Bob Eckweiler - AF6C, for keeping the OCARC nets organized and running so well, ...W6RE "Alex" Alexander for playing the Newsline tape EVERY single week, ...WB6IXN, Bob Evans for smoothly running the weekly 2 meter net and logging all the notes for each month's *RF* ...and Jerry Dahlin - AA6BU for continuing a very generous tradition of publishing our newsletter.

Next, I want to again thank Don Hughes - KC6ONZ, our FD Food Chairman, and all the Field Day Team Captains for making the 1991 FD so successful and so much fun.

Finally, I want to thank a very dear friend, Kei Yamachika - W6NGO. I personally appreciate the generous energy and efforts that Kei gave at Field Day and to once again help with another "tower project" for the OCARC. Kei has been a member of the OCARC since 1934 and has taught me a tremendous amount about electronics and HAM RADIO. THANKS KEI.

SEE YOU AT THE JANUARY MEETING!

ESTATE SALE

Many Items

Antennas

Headphones

Microphones

Keyers

2M Radio

etc.

Contact Larry, K6VDP

(714) 557-7217

On the Nets - November, 1991

by Bob Evans, WB6IXN

11/6 15m phone net - W6ZE/AF6C checks in NGO, IXN, YZG, RND, RKC, XTJ, COJ, JPG, & HHC. Surmounting many problems, Kei finishes the new Club tower this evening! IXN replaces a pilot light in the 4700A, and medics at the 'aspirin hotel' are still suffering 'mental paralysis' over YZG's paralysis problem! RND's injured back is doing fine, & John picks up an antenna book at HRO. COJ, back from hot & humid Fla., puts the Christmas Party to bed. JPG & RKC move off freq. to continue the QSO. XTJ gets caught in a storm on a T-Hunt & misses the plane crash excitement near the QTH. HHC moves down 10 KC to continue QSO with COJ about Xmas Dinner arrangements.

11/6 2m phone net - W6ZE/IXN checks in BPX, XTJ, VPP, NG7D, ZH & TAM, PFA, RE, RND, VDP, HHC, & XQR. BPX & Blanche 'raid' Glen Oaks, bringing back apples, cider, honey & jam! XTJ chills OPs with news of 1 to 3 inches of snow in Springfield, Ill.! And Jim warns OPs that new AEA PROMS in the old PK-232 will also necessitate an upgrade in your old 'Packet Gold' program! VPP busies himself with a new 440 ant., & Bud helps PFA & crew at last Sunday's Marathon. NG7D & fam. bear 40 mph winds as they attack the 'slots' at Laughlin & Las Vegas, Nev.! And John & VES investigate Henry Radio in LA last Sat.. The place was barren! ZH & TAM 'spa' in the evenings during our warm WX, & Chris & Jane 'brunch' IBR & IBP on their 40th wedding anniv. last Sun.! PFA picks up the effects of erupting Philippine & Japanese volcanoes as he watches a spectacular red sunrise at last Sunday's Marathon. Complimenting OPs on a job well done, Marathon officials want ATV back next year! RE works a mile marker & 1st aid station at the Marathon, catching his first runners around 9:00 am. And Clark Dye Hardware lightens RE's pocketbook by \$64 for replacement parts to repair sliding doors at the QTH! RE tells XQR that VE reimbursement fees will increase slightly in 1992. Watch Dec. QST! XQR puts 'RF' to bed, & attends the Antenna Construction Party, picking up a new 20m dipole for emergency use! RND works the CW portion of last weekend's Sweepstakes contest, 150 contacts, another pin in John's future! FB 6m openings goads VDP into finishing the 6m beam while Larry simultaneously completes the Packet station. HHC & COJ discuss final plans for the upcoming Xmas Dinner on Dec. 8 at the Tustin Marine Air Base. And Ken contemplates operation on 220/440 with a Kenwood TM-741!

11/13 15m phone net - W6ZE/AF6C checks in YZG, NGO, HHC, IXN, TZC, & XTJ. Slowly recovering from the arm paralysis, YZG enjoys the new IBM computer with laser jet printer. NGO completes the new Club tower, adding a few finishing touches for next FD! Poor HHC!..Ken must 'brave' another management school in a plush hotel in Palm Springs next week!! AF6C & IXN warn Ken to beware of the 'Swaggart Swarm'! IXN reminds all of the upcoming annular solar eclipse on Jan. 4 at 4:55 pm. TZC, Paul, is welcomed on board by the crew.. Nice sigs, Paul! XTJ hears only W6ZE, losing all others in the QRN! CAUTION! DO NOT VIEW ANY SOLAR ECLIPSE WITH THE NAKED EYE!

11/13 2m phone net - W6ZE/IXN checks in ZH & TAM, BPX, XTJ, VDP, BWZ, XQR, RE, OPI, TZC, QW, NG7D, WWP,

BWH, & WTY. TAM manages to 'cook up a storm' in the kitchen as she & Chris DX the world: Sierra Leon, El Salvador, UN, Honduras, Turkey, Sri Lanka, Mongolia, Falkland Is. & on & on! BPX gets a gud report from the optometrist & exercises the healing shoulder. XTJ relishes success on AMTOR with the new version of Packet Gold, & VDP finds time to enjoy gud DX on 6m as Larry digs hardened glue from the kitchen floor as he removes old floor cover! BWZ installs a 5/8s whip ant. on KD6AQO (XYL's) car. Bill also picks up a modem kit for 'laptop packet' when he goes trailoring. XQR looks forward to Fri. Club meeting & VE testing with VDP & OPI over the weekend. RE remodels RVS's bed with a trapeze to get in & out of bed & Alex aids the 'vampire crew' as they extract blood at another R.C. blood drive, reads an ARRL bulletin on RF from commercial machines, & airs Newline. OPI enjoys 10m DX, garnering Italy, Germany, Belize, & the neighbor's telephone! TZC has better ant. in car, the 'rubber ducky' doesn't do so well in the house! QW 'retreats to the spa' at Big Bear as he contemplates legal moves against property CC&Rs, gets a 10m DXCC award, needs 3 more Zones for a WAZ, and sorrows over the XYL's 'ripped off' wallet! NG7D entertains a small niece, builds a memory keyer, QSOs with WTY about QRPing, & works on video tape collection. WTY awaits his 150 W Motorola amp. kit. He'll wind his own transformer.. We all await the finished product, Carmine! BWH is the 3rd SPNer to check into net, & can also be found on 145.46 with IXN & XQR. WWP's XYL, KD6BWQ, makes her 1st HF contact with Guam, the island of her birth!

11/14 15m CW net - Net is informal, with IXN, BWZ, NG7D and RND all checking in. RND & XYL were saddened when they had to live their old age, suffering dog put to sleep. NG7D plans to attend Fri. eve. Club meeting, & IXN wrestles with 2 computer moonrise programs. BWZ is impressed with RND's QSO records, & Bill's Yaesu 747 is doing a FB job! NG7D reminds IXN to bring a promised switch to Club meeting.

11/20 15m phone net - W6ZE/AF6C checks in XTJ, IXN, RND, NG7D, & PEQ. AF6C searches for satellite orbit equations. IXN suggests N6ZNC on 145.46 mc. Tired of travelling, RND & XYL will live family at the QTH for TG. PEQ is welcomed by OPs after 2 yrs. silence on the net. Dan has a blast working the Nov. Sweepstakes! NG7D awaits the arrival of kits needed to finish his automatic keyer. XTJ hears PEQ about S5.

11/20 2m phone net - W6ZE/IXN checks in ZH & TAM, XTJ, RE, VDP, BPX, VPP, RND, NG7D, PEQ, QW, WTY, & PFA. ZH & TAM fall victim to the flu bug, but Chris still manages some DX! Chris & Jane will TG with IBR & IBP. BPX sells 50 avocados Mon., & Wyatt & Blanche will eat out on TG. XTJ is still working the RF bugs out of the new packet Gold AMTOR program, & Jim tells IXN of a possible seismic bump in the LB area. RE may or may not live family in for TG, as Alex airs an informative Newline! VDP, new flooring in, enjoys big turnout last weekend for VE exams, as Larry thinks about a 10m ant for the Contest. PEQ will fly to the Grand Cayman Is. for the 10m Contest over Dec. 14 & 15. Dan & friend will be using the calls ZF2RB or ZF2RC. Dan

Continued on Page 4

On the Nets - November, 1991

(Continued)

won the 10m Section last year! VPP, sporting a new ATV camera & 440 beam, awaits the arrival of the ATV xmitr & receiver! RND got a flu shot last week, & will live his son down from Bishop for TG. NG7D informs OPs that Bob's Restaurants will be no more! They will be absorbed by Marriott restaurant chains. QW gets the DXCC in the mail, & receives his last card for 10-10 WAS. QW will motor to Big Bear for TG, & stay tuned for the next chapter of "QW vs. Doctor CC&Rs"! WTY will live his Bro. & wife in for TG., as Carmine seeks info. on building an input transformer! PFA & XYL may TG at the Orange Hill Restaurant, overlooking Orange County. And Tom tells DX OPs to take heart!..Tom just received QSL cards from QSOs to Estonia (3/90), Italy (6/89), & Russia (11/88)!

11/21 15m CW net - Congrats comes RND's way as he accepts Net Control of the 15m CW net! W6ZE/RND checks in IXN, NG7D, BWZ, & XQR. RND, IXN, XQR & BWZ all experience weak sigs in the QRN! RND wants OPs to think abt changing the CW net to another freq. BWZ installs radials for the vert. ant. IXN picks up NG7D loud as usual, as Bob tells OPs all is quiet on the seismic front! John QSOs Santa Lucia, & Tonga Is. in the Pacific. IXN misses XQR completely in the QRN! QRN & weak sigs brings 73s to all & a QNF from W6ZE!

11/27 15m phone net - W6ZE/AF6C checks in YZG, NGO, ULU, IXN, RND, & HHC. AF6C wishes all a happy TG as he & HHC prepare for the Pitt/Penn State game. Wid IXN & HHC both Pitt alumni, its two against one! NGO strings a new 1/2 wave 15m dipole from the tower, and all hear Kci FB! ULU tells OPs they just took his new grandson to the hosp tonight..sickness abounds in winter! IXN & YZG live weak sigs at RND's QTH. And RND may

'put on a few pounds watching the FB games on TG wid all that gud food around! HHC, armed wid 'hard' cider, prepares for AF6C & the FB games tomorrow, as Ken plans on a day of rest.

11/27 2m phone net - W6ZE/IXN checks in ZH, TAM, KAA, BPX, VPP, RE, VDP, RND, HHC, XQR, PFA, OPI, ESD, and BWH. BPX & Blanche will TG at a new little restaurant in Garden Grove. ZH & TAM will motor to Moreno Valley & TG wid IBR & IBP. Chris adds Taiwan & Brunei, bringing ZH's totals to 142 countries worked & 60 confirmed. KAA escapes serious eye injury after a stone hits Mike's eye from a weedeater! And Mike installs a switch box to operate 5 radios from one mike in the truck! VPP's QTH looks like a porcupine wid all the ants. The ATV beam is up, & Bud received the ATV X mtr & amplifier today. Wid no RCA plugs to attach to cables, Bud will accept an invitation out for TG tomorrow. RE puts new TVI chmn., JPG, to work solving a TVI problem at RVS' QTH. And Alex airs Newsline. And VDP, flooring done, handles an estate sale for a silent key. Larry will TG at his mother's QTH tomorrow. RND will keep one eye on all the grand harmonics, & the other on the FB games as he motors to the daughter-in-law's folks' home for TG. PFA keeps one watchful eye on VPP's budding ATV station, & the other on the Atlantis space craft as Tom contemplates a short in the auto wiring. HHC will rest at home & watch the FB games wid AF6C. XQR will travel to OPI & ONZ's QTH for TG. And OPI & XQR tested 25 people in LA last weekend. ESD's XYL passed away and Bob tnx HHC & the Club for the card & condolences. ESD will spend TG wid his son & daughter at his son's home. BWH will cook a turkey on the 'barby' for TG..yum yum!

Minutes of OCARC General Meeting

November 15, 1991

Meeting called to order by President Ken Konechy at 7:33 PM. Officers present were Ken-K6HHC, Mike-K6KAA, Bruce-KC6DLA, Bill-N6VMS, Tom-WA6PFA, Bob-AF6C, John-KJ6TK, Larry-K6VDP, Frank-WA6VKZ and Chris-KJ6ZH. There were 57 members and guests present.

Program - Skipper, KC6WJJ, is a City of Orange police officer. Skip talked about the 911 emergency communications system and how to report an incident through the system.

1992 Board of Directors Elections - The nominating committee presented a slate of officers to the members. No additional nominations were made from the floor. The following were nominated, seconded and elected: President - Frank Smith, WA6VKZ; Vice President - Bob Eckweiler, AF6C; Secretary - Jane Breller, KC6TAM; Treasurer - Carmine Fiorello, KC6WTY; Activities - Bob Schnabel, KC6WWP; Membership - Bob Buss, KD6BWH; Public Relations - Cindy Hughes, KC6OPI; TVI Chairman - Clark Turner, WA3JPG; Membership at Large - Ken Konechy, W6HHC; and Membership at Large - Mike Abreu, K6KAA.

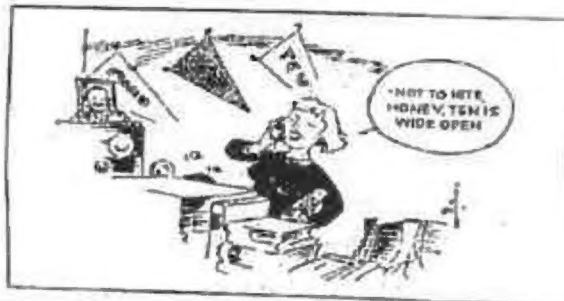
Treasurer's Report - Checking - \$975.97; Savings - \$1141.81.

Membership - We have approximately 115 members.

Good of the Club - Nancy, N6XQR announced an Icebreaker Contest to be held December 14th and 15th. Larry, K6VDP, will be the Extra class station Captain and Dennis, WB6VFC, the Novice station Captain. Contact Nancy, N6XQR, for further information. - The Tuesday night (2000 hrs.) 15 Meter CW net is being restarted. John, WA6RND, will act as Net Control. - Frank, WA6VKZ, World Radio and ARRL field service.

Meeting was adjourned 9:50 PM.

Respectfully submitted, KC6DLA, Bruce Creager - Secretary



MARCH, 1956 QST

LET YOUR FINGERS DO THE TALKING

by Daniel Fort, AA6LM

We live in a fast paced, complicated world. We communicate verbally at an average rate of 150 words per minute. We can read faster than we can talk and computers have stepped up the transfer of information beyond what mere humans can possibly comprehend.

Why then would anyone want to use the "old" method of communicating with the Morse code in these modern times? Why not? It is far too difficult to explain the pleasures of code to the uninitiated. If you haven't tried it, relax and give it a try.

You can create Morse code with either a straight key, a bug, an electronic keyer with paddles, a special keyboard or even a computer. Most beginners think they can send code much faster than they can receive, that is not always true. We tend to practice copying code much more than sending. Send some code and record it on tape then play it back and try to copy--it isn't easy is it? Practice sending before going on the air, especially if you are using something other than a keyboard.

Receiving isn't all that tough. Some newcomers think that using computers are better than learning the code but unless you hear a good clean signal, which is the exception rather than the rule, computers tend to fail miserably. You don't have to hang onto every word in a phone contact, likewise you don't have to copy 100 percent to enjoy code.

Now comes the decisive moment, you scan through the band and find someone sending CQ nice and slow. For the neophyte, answering a CQ is easier than initiating a contact. The station calling CQ will send CQ several times followed by the call sign

several times, so you get a few chances to get it right. You also have a chance to tune in the signal—but when is the signal tuned in? That varies with the rig, but for most transceivers when the incoming signal is the same audio frequency as the side tone, (between 500 and 800 Hz) it is properly tuned. If the rig has a special CW filter, search with the wide setting and fine tune with the narrow filter. You will find that when the rig is properly tuned, the signal also will be at its strongest.

Now if the antenna is properly matched, you are putting out some power and the rig's settings are "normal" you might make a contact. Most transceivers require you put the rig in the VOX mode to work CW.

If you want to initiate a call, find a clear frequency and send three CQs followed by DE and your call sign three times. If a station answers you slightly off frequency you can compensate by using the RIT control. RIT stands for Receiver Incremental Tuning and it adjusts your receiver tuning while leaving your transmit frequency alone. If you tune with the main dial, you might lose the contact or worse, end up in the middle of another QSO.

CW operators love to use short cuts and abbreviations. One of the first ones to learn is QRS for please send slower. If you don't know abbreviations, spell everything out.

There is no shame to admitting that you are beginner in code. If you don't even begin, it's too bad you're missing out on some of the best parts of ham radio. Once you get started, you will find lots of interesting things to "talk" about, even though you're talking with your fingers.

Minutes of OCARC Board Meeting

December 7, 1991

Meeting called to order by President Ken Konechy at 9:08 AM.

Officers present were Ken-W6HHC, Mike-K6KAA, Bruce-KC6DLA, Tom-WA6PFA, Bob-AF6C, Larry-K6VDP, Frank-WA6VKZ and Chris-KJ6ZH. There were 32 members and guests present.

Membership - We have approximately 106 members. Bob, AF6C, is updating the membership roster. Please get any corrections (name, address, call sign, etc.) to Bob.

Christmas Party - Party will be held on December 8th at the Officer's Club at the Tustin Lighter Than Air Base.

10 Meter Icebreaker Contest - The contest to be held December 14th and 15th. Contact Nancy, N6XQR, for further information.

Club Seal - The seal is missing! If anyone knows it's whereabouts, please contact Ken, W6HHC, or Frank, WA6VKZ.

Meeting was adjourned 9:20 AM.

Respectfully submitted,

KC6DLA, Bruce Creager - Secretary

Late News - At the Christmas party, it was announced that Nancy Bucher, N6XQR, had been selected as the recipient of the "Good of the Club" award for 1991. This award is presented each year to the member that has contributed the most to the club during the previous year. Nancy has not only worked tirelessly as Editor of RF, but has served on several committees and brought many additional new members to the club through her enthusiasm. Congratulations and many thanks.

AMATEUR RADIO INSTALLATIONS

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Torrance, CA 90501

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ICEBREAKER CONTEST

by Carmine Fiorello, KC6WTY and Nancy Bucher, N6XQR

On Saturday, December 14th and Sunday, December 15th, the OCARC sponsored the "Icebreaker" contest during the ARRL 10 meter contest. The "Icebreaker" consisted of two stations: a Novice/Tech station and a General/Advanced/Extra station. The purpose of the event was to give new hams some help in getting some contest experience.

The Novice/Tech station had the advantage of superior equipment running a Kenwood 450 into a Cushcraft R-7 on the roof of Electronic Times in Fountain Valley. Don Hughes, KC6ONZ, allowed the use of his call for this station's operation.

Larry Beilin, K6VDP was the station caption for the General/Advanced/Extra class station. The station was set up in the parking lot behind Electronic Times in K6BWZ, Bill DeSmith's luxury motorhome (the YL 20 meter phone station for 1991 Field Day) using equipment supplied by Jim Roberts, N6XTJ. The station used Jim's Icom 735 into a Ringo Ranger 10 meter vertical (a cut back CB antenna) on the roof of the motorhome. Jim also supplied a paddle, memory keyer, and a keyboard for CW operation.

The Novice/Tech station, under various control operators, was operated by KC6ONZ, Don; Pending Call, Errol Chambers; Ham Wanna-Be, Greg Schwartz; N6ZAV, Marty; KC6ZUJ, Tom Yax; KD6DAD, Adam Dugan; age 9, Ryan Dugan; KC6WWP, Bob Schnabel; KD6BWQ, Anita Schnabel; KC6YDQ, Gayle Olson; KD6BWH, Bob Buss; KD6BUY, David Wright; KC6ZUP, Barry Wermes.

The Gen/Adv/Extra station was operated by K6VDP, Larry; K6BWZ, Bill; N6XTJ, Jim; KC6WTY, Carmine; WA6VES, Gary; N6XQR, Nancy. Also seen in the operating area: WA6VKZ, Frank; W6HHC, Ken; WT6A, Bob; KC6OPI, Cindy; AB6FD, Brad; AB6CH, Bob. And a big "THANK YOU" to KC6VTC, Michael, the owner of Electronic Times, for his hospitality!

A lot of fun was had at the Novice/Tech station contacting 22 different states, Canada, Puerto Rico, Japan, Guadalupe, and a group effort to snag Finland! (How many times did we CLEARLY hear "one mike alpha" without hearing the "OH" prefix ???) The Gen/Adv/Extra station made about 200 contacts (about a quarter of them CW) including Canada, England, South America and the United Nations. Larry had an interesting time using the memory keyer that allowed changing parameters by putting in commands. Bill got in some CW practice for next Field Day while avoiding grandchildren baby-sitting chores. Jim got to check out his CW avoidance schemes while enjoying a lot of phone contesting. Carmine got adept at logging and dupping, and Nancy got a couple of CW contacts with a little help from her friends.

It was an enjoyable weekend and we came up with a lot of ideas for improvements on the basic idea for future events.

WANTED - HF RIG TO BORROW

KD6BUY, David, Tech Plus would like to practice for General upgrade (714) 848-8862 after 2:00 PM

Power Your Radio When There's NO POWER

by Adam Dugan, KD6DAD

Well, there are lots of ways to power your radio when there's no power, but here's the way I do it. I found out how many amps my generator puts out at 120 volts. It puts out 4500 watts. And how many things I needed to power like the HF rig, refrigerator, a few lights and maybe a TV for news. Now when the power goes out, I shut off the main breaker to prevent putting power back to the power company and when the power comes back on, it doesn't burn out my generator. Then turn off all breakers except the circuits that I need to power on and the one that I run a power cable on (from the wall plug to my generator). Make sure you have a heavy enough cable: probably a 12 gauge or larger cable with 2 male ends (1 to generator, 1 to the wall plug) and you wire it properly at the proper voltage.



OCTOBER, 1964 QST

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ICOM IN IRVINE. OPEN HOUSE ON JANUARY 25th

ICOM America, Inc., welcomes all Southern California radio amateurs to an open house!

Saturday, January 25th
Noon - 4:00 p.m. (after TRW!)
18102 Skypark Circle South (at Main Street)
Irvine, California

This open house will allow amateur radio operators to inspect their new service and training facility. "We want to show off our new regional service facility for all ICOM product lines," comments Mike Lee, N4OLZ, the ICOM Service Center Supervisor. "From repeaters to handhelds, it gets fixed and recalibrated right here," comments Komoda, JE3FKT, an ICOM senior technician.

But the ICOM facility is more than just fixing and recalibrating radios--"We have a training classroom and a complete live-equipment demonstration station open to students and instructors, too," comments Karen Dixon, KA7VMP, with ICOM Corporate Headquarters in Bellevue, Washington. "We want to give the local Southern California amateur radio community a running ham radio station and classroom for training, VEC testing, and radio club meetings," adds Dixon.

The classroom holds 35 students with padded chairs and desks in place. The operating station, installed by Jerry and Linda Davis, KK6YO and KC6VHY, features everything from the giant ICOM 781 super base station to dual-band mobiles and handhelds, a complete marine station, live land mobile radio equipment, aircraft radio, scanners and receivers, and even a running marine radar and marine plotter. "Because we're right off the end of the John Wayne runways, we had to keep our antenna systems down low--but let me tell you, they really perform!" smiles Davis.

The service facility has been in operation for just over 3 months, and the first weekend class held at the facility by Gordon West Radio School was an outstanding success. Volunteer examiners from Nancy Bucher, N6XQR, headed up the examinations on both Saturday and Sunday. "It's a gorgeous facility, and their training room makes an excellent testing facility," comments Nancy.

The ICOM facility administration specialist, Laura Barry, is soon to earn her amateur radio license, and she is a smiling face to greet anyone who may need their equipment serviced locally, and serviced quickly. "We also have a large parts selection here, too, as well as selected accessory components associated with the inside of your ICOM rigs," comments Laura. "I hope to meet all of you at the upcoming open house!"

The Saturday, January 25th, date was chosen for the grand opening of the ICOM Irvine service facility because hams would already be out and around town attending the popular TRW swap meet. When TRW is finished mid-morning, all hams are invited to come on down the 405 Freeway and get off at MacArthur Boulevard that puts them 2 minutes away from the ICOM Irvine Service Center. Technicians will be on hand for quick equipment checks including modulation levels, CTCSS deviation checks, frequency checks, and power output measurements. Be sure to bring your ICOM equipment for a quick free physical!

For more information on the ICOM Irvine service and training facility, contact Laura Barry at ICOM (714/852-8026). If you are interested in reserving the training facility room and station equipment, contact Gordon West Radio School (714/549-5000). Welcome, ICOM, to Southern California!

FOR THOSE OF YOU WITH "UPGRADE" ON YOUR NEW YEAR'S RESOLUTION LIST (OR GETTING THE REST OF THE FAMILY LICENSED)

DATES	NO-CODE TECHNICIAN	ADV.	5 WPM CODE	13 WPM CODE	20 WPM CODE	TEACHER	WALK-IN TESTING
JANUARY							
3,4,5	F.V.					AB6CH	5TH, 5:00 PM
18,19				IRVINE		AA6LM	19TH, 4:00 PM
FEBRUARY							
1,2			F.V.			AB6CH	2ND, 4:00 PM
21,22,23	F.V.					AB6CH	23RD, 5:00 PM
22,23					IRVINE	AA6LM	NONE
MARCH							
13,14,15	IRVINE					WB6NOA	15TH, 5:30 PM
14,15		F.V.				AB6CH	NONE
14,15				IRVINE		AA6LM	NONE
28,29,30	F.V.					AB6CH	30TH, 5:00 PM
APRIL							
4,5			F.V.			AB6CH	5TH, 4:00 PM

PRE-REGISTER FOR ALL CLASSES. FOR F.V. (FOUNTAIN VALLEY) CALL AB6CH BOB GREGG AT (714) 375-0387. FOR IRVINE LOCATIONS (CLASSES TAUGHT BY WB6NOA, GORDON WEST AND AA6LM DAN FORT), CALL GORDON WEST RADIO SCHOOL (714) 549-5000. BRING ORIGINAL AND COPY OF LICENSE AND ANY CSCE'S, ID AND \$5.40 (NOTE PRICE INCREASE FOR 1992.) ALL TESTS ARE W5YI ACCREDITED, LEAD VE: NANCY BUCHER N6XQR (714) 537-8728. BE SURE TO PRE-REGISTER WITH SITE SPONSOR IF YOU WISH TO WALK-IN TEST. WALK-IN'S WILL BE TESTED AFTER CLASS TESTING. MULTIPLE VERSIONS OF ALL ELEMENTS AVAILABLE.

The "S" Code
by Jay S. Smith, KK0O
Printed in April, 1990 issue of Ground Wave
Official publication of the Saint Paul, MN Radio Club

One of the things that makes me wonder, is why are the hams that I read about in the various magazines always willing to want to change the FCC rules and no one seems to want to amend the "Q" code. I suppose one could say; What do you want to do that for? Good Question, eh? Well all of the years that I have been licensed I confess that I work a lot of SSB and the need to work on the "Q" code hasn't been high on my list. But now, seems like an overhaul could be justified with all the FCC rules being rewritten etc. One probably never thinks about the "Q" code until you need it in a QSO. It is with this thought that I submit a "Q" code amendment. It should be no longer than the usual 3 letters. Perhaps it could give recognition to me in some way, (I mean who is this "Q" guy anyway?) by using my initials. I'll call it the "S" code. The first letter is a throw away letter like the "Q" code. Can't you just see it now: Edison, Morse, Maxim, Mr. "Q", Mr. "S". Here are a few codes that would come in handy in times of QSOing:

SMC = MERRY CHRISTMAS to you and your family.
SSG = SEASONS GREETINGS to you and your family.
SHN = HAPPY NEW YEAR
SBH = BAH HUMBUG (Did you see this one coming?)
You can use these in December and save your fist!

SKM = My little KID is on my lap and I MISSED all.
SKM/R = Same as above and please REPEAT.
Self-explanatory if you have little kids.

SPM = The PHONE rang while you were transmitting and I MISSED all.
SFM = My FRIEND came in the shack and I MISSED all.
SRP = RIG PROBLEMS now signing off.

Nothing is worse than having to send "there is smoke coming out of my transmitter now and I should sign off and check into it" and watching the smoke getting worse as you go and then having the other guy ask for a repeat.

SNT = NEIGHBOR TROUBLE with TVI, now calling police and good-bye.
SJD = Some JERK is at the DOOR.
SDH = I'm in the DOG HOUSE because I've been on all day. Bye.
SHQ = I HATE to QSL, please don't send me one.
SDQ = I'm DESPERATE for your QSL card.
SDQ/\$? = Same as above, How much will it cost me?

You can see how much time this could save on the air and once this catches on we could pack more hams in the same amount of space and can make better use of the spectrum.

OOPS..SJD/73, Jay....

**SEND ANY ADDITIONAL SUGGESTIONS FOR "S" CODES TO NANCY, N6XQR OR
WRITE SOME DOWN AND GIVE THEM TO ME AT BOARD MEETING OR CLUB
MEETING...**

ORANGE COUNTY AMATEUR RADIO CLUB
P.O. BOX 3454
TUSTIN, CA 92681
1992 APPLICATION/RENEWAL

DATE: _____

NAME: _____

CALL: _____

CLASS: NOVICE TECH TECH PLUS GENERAL ADVANCED EXTRA

ADDRESS: _____

CITY/ST/ZIP: _____

PHONE: _____ UNLISTED? YES NO

DUES: (Prorated quarterly from January)

MEMBER (\$12/YR) \$ _____

FAMILY MEMBER (\$6/YR) \$ _____

NAME _____

CALL _____

CLASS _____

FAMILY MEMBER (\$6/YR) \$ _____

NAME _____

CALL _____

CLASS _____

FAMILY MEMBER (\$6/YR) \$ _____

NAME _____

CALL _____

CLASS _____

TOTAL DUES \$ _____

ARRL MEMBERSHIP \$ _____

BADGE (\$5.00) \$ _____

TOTAL AMOUNT PAID \$ _____

TREASURER PROCESSED: _____ MEMBERSHIP PROCESSED: _____

CLUB FUNCTIONS

MONTHLY MEETING:

January 17th
February 21st
March 20th

3rd Friday of each month, 7:30PM at REPUBLIC FEDERAL SAVINGS BANK
2400 E. Seventeenth Street, Santa Ana, CA
First building west of the 55 Freeway on Seventeenth St.
Next to the Denny's Restaurant (see below) on the South side of the street.
JANUARY WILL BE THE LAST MEETING AT THIS SITE!
NEW SITE WILL BE ANNOUNCED AS SOON AS POSSIBLE.

CLUB BREAKFAST:

January 3rd
February 1st

1st Saturday of each month, 8:00AM at DENNY'S Restaurant
2314 E. Seventeenth Street Santa Ana, CA (714) 543-0872
(Second bldg. west of the 55 Freeway)

CLUB NETS

BAND	MODE	DAY	LOCAL TIME	FREQ MHz	SPLIT	PL	OPERATOR
2 Meters	FM	Wed	2030 hrs.	146.550	smplx	na	WB6IXN
15 Meters	SSB	Wed	2000 hrs.	21.375*	smplx	na	AF6C
15 Meters	CW	Thu	2000 hrs.	21.175*	smplx	na	WA6RND

(Listen for W6ZE, net control) *Plus or minus QRM

ARES DISTRICT NETS

2 Meters	FM	Mon	1900 hrs.	145.220	-600	1A	N6HQI 1
2 Meters	FM	Mon	~1915 hrs.	145.340	-600	4Z	K6KAA 2
2 Meters	FM	Mon	1930 hrs.	noted	smplx	na	noted 3

1 - ARES Info net.

2 - ARES District 3 net starts after info net is completed (Usually about 1915 hrs).

3 - City Nets: Orange - 146.535 WB6FCP; Tustin - 146.505 KK6QE; Santa Ana - 147.585 W6HHC

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